

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE
(REV. 12-2004)

ATTORNEY'S DOCKET NUMBER

68-05

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/540759

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO.
PCT/NZ2003/000294INTERNATIONAL FILING DATE
24 December 2003PRIORITY DATE CLAIMED
24 December 2002

TITLE OF INVENTION

ENZYMES AND POLYNUCLEOTIDES ENCODING THE SAME

APPLICANT(S) FOR DO/EO/US


Sol GREEN, Ellen FRIEL, Lesley BEUNING, Elspeth MACRAE, Adam MATICH

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☒ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV 642 816 555 US
23. ☒ Other items or information:
Receipt postcard Application Data Sheet

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10/540759		PCT/NZ2003/000294		68-05	
24. The following fees are submitted:				Rec'd PCT/PTO 24 JUN 2005	
<input checked="" type="checkbox"/> a) Basic national fee		\$300.00		\$	\$300.00
<input checked="" type="checkbox"/> b) Examination fee		\$200.00		\$	\$200.00
<input checked="" type="checkbox"/> c) Search fee		\$500.00		\$	\$500.00
TOTAL OF ABOVE CALCULATIONS =		\$1000.00		\$	\$1,000.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE	
- 100 =	/50 =			x \$250.00	\$ \$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	\$130.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	44 - 20 =	24	x \$50.00	\$	\$1,200.00
Independent claims	7 - 3 =	4	x \$200.00	\$	\$800.00
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$	\$0.00
TOTAL OF ABOVE CALCULATIONS =				\$	\$3,130.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	\$0.00
SUBTOTAL =				\$	\$3,130.00
Processing fee of \$130.00 for furnishing the English translation later than 3 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	\$130.00
TOTAL NATIONAL FEE =				\$	\$3,130.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	\$0.00
TOTAL FEES ENCLOSED =				\$	\$3,130.00
Amount to be refunded:				\$	
Amount to be charged:				\$	
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>\$3,130.00</u> to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is _____					
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>07-1969</u> . A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO: GREENLEE, WINNER AND SULLIVAN, P.C. 4875 Pearl East Circle, Suite 200 Boulder, CO 80301 Telephone (303) 499-8080 Facsimile: (303) 499-8089 Email: winner@greenwin.com				 SIGNATURE Michael J. Curtis NAME 54,053 REGISTRATION NUMBER	

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Attorney Docket No.: 68-05

Applicant(s): Green et al.
Serial No.: Not yet assigned
Filing Date: 24 June 2005
Title: **ENZYMES AND POLYNUCLEOTIDES ENCODING THE SAME**

I hereby certify that the following correspondence:

1. Check for \$3,130.00
2. Transmittal Letter to the DO/EO/US under 35 U.S.C. 371 (2 pgs)
3. Application data sheet (3 pgs)
4. Preliminary Amendment (9 pgs)
5. PCT/NZ2003/000294 (w/drawings and sequences)
6. International Search Report (4 pgs)
7. International Preliminary Examination Report (7 pgs)
8. Return Postcard

Is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to:

Mail Stop PCT
Commissioner for Patents,
PO Box 1450
Alexandria, VA 22313-1450

On June 24, 2005

B. Kroge
(Typed or Printed Name of Person Mailing Correspondence)

B. Kroge
(Signature of Person Mailing Correspondence)

EV 642 816 555 US
("Express Mail" Mailing Label Number)